

STEREO MOC Status Report
Time Period: 2007:169 - 2007:175

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 169, the track with station DSS-25 had a 10 minute late acquisition due to predicts not being available. Ranging data was not available during this track.
- On day 172, station DSS-54 had transmitter problems dropping the uplink twice from 03:28Z until 03:41Z and from 04:13Z until 04:21Z. SECCHI commands were being uplinked at the time and this resulted in 5 SECCHI commands not loaded. SECCHI reloaded these commands on the following track.

2. Ahead spacecraft performance continues to be very good with all subsystems performing nominally. IMU 2 continues to be used nominally on the Ahead spacecraft. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Ahead was 7.3 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 170, during the track with station DSS-34, there were some lock status warnings reported in the station log and near these times there were telemetry gaps in the SECCHI data (ApID 0x400) from 08:10:46Z to 08:11:06Z and (ApID 0x405) from 08:10:43Z to 08:11:03Z. In addition, there was a gap in the IMPACT data (ApID 0x208) from 12:20:32Z to 12:20:42Z.
- On day 172, station DSS-34 had a late acquisition due to antenna problems. Acquisition occurred at 07:39Z vice 06:55Z. The SSR playback was re-started when

commanding was achieved resulting in recovery of all SSR data

2. Behind spacecraft performance continues to be very good with all subsystems performing nominally. The following list summarizes the spacecraft/instrument events which occurred during this week:

- The average daily SSR playback volume for Behind was 7.9 Gbits during this week.